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A sickle is a hand-held agricultural tool with a variously grain crops or cutting succulent forage chiefly for

curved blade typically used for harvesting feeding livestock (either freshly cut or dried as

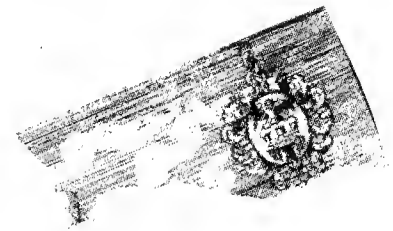
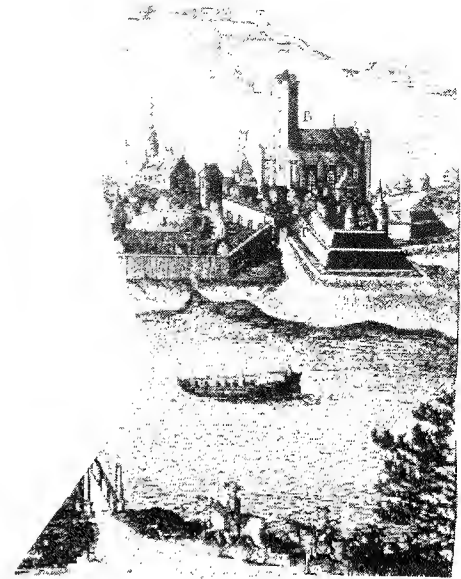
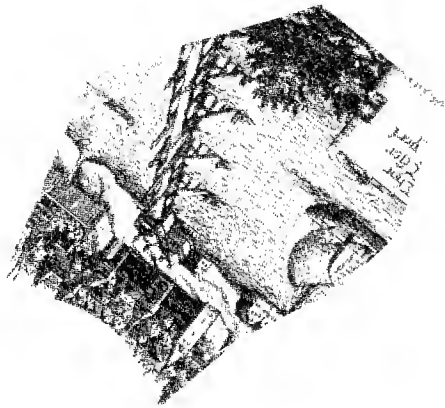
That is:
there are no persisting objects.

Bootstrap aggregating, also called **bagging**, is a machine learning ensemble meta-algorithm designed to improve the stability and accuracy of machine learning algorithms used in statistical classification and regression. It also reduces variance and helps to avoid **overfitting**. Although it is usually applied to decision tree methods, it can be used with any type of method. Bagging is a **special case of** the model averaging approach.

Random forests are an ensemble learning method for classification, regression and other tasks, that operate by constructing a multitude of decision trees at training time and outputting the class that is the mode of the classes (classification) or **mean prediction** (regression) of the individual trees. Random forests correct for decision trees' habit of overfitting to their training set.

In statistics, Multivariate adaptive regression splines (MARS) is a form of regression analysis introduced by Jerome H. Friedman. It is a non-linear technique and can be seen as an extension of linear models that automatically selects interactions between variables.

The term "MARS" is trademarked and licensed by Earth Systems. In the face of patent infringements, many open source implementations of MARS are called "Earth".



n statistics, **regression analysis is a** statistical process for estimating the relationships among variables.

- Dollar
- Donation
- Reward
- (other similar concepts)

Chaos

(No icon)

fa fa-dollar

Dollar

dynamical systems **highly sensitive** to initial conditions—a response popularly referred to as the butterfly effect.^[1] Small differences in initial conditions (such as those due to rounding errors in numerical computation) yield widely diverging outcomes for such dynamical systems, rendering long-term prediction impossible **in general**.^[2] This happens even though these systems are deterministic, meaning that their future behavior is fully determined by their initial conditions, with no random elements involved.^[3] In other words, the deterministic nature of these systems does not make them predictable.^{[4][5]} This behavior is known as deterministic chaos, or simply chaos

Runs the Show

balance wheel, or **balance**, is the timekeeping device used in mechanical watches and some clocks, analogous to the pendulum in a pendulum clock. It is a weighted wheel that rotates back and forth, being returned toward its center position by a spiral torsion spring, the balance spring or hairspring. It is driven by the escapement, which transforms the rotating motion of the watch gear train into impulses delivered to the balance wheel. Each swing of the wheel (called a 'tick' or 'beat') allows the gear train to advance a set amount, moving the hands forward.

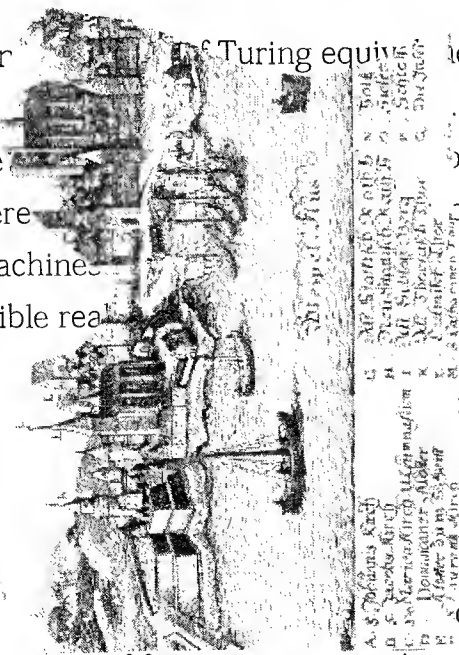
In computer programming, **a string** is traditionally a sequence of characters, either as a literal constant or as some kind of variable. The latter **may allow its elements** to be mutated and the length changed, or it may be fixed (after creation). A string is generally understood as a data type and is often implemented as an array of bytes (**or words**) that stores a sequence of elements, typically characters, using some character encoding. A string may also denote more general arrays **or other** sequence (or list) data types and structures.

A **photon** is an elementary particle, the quantum of light and all other forms of electromagnetic radiation. It is the force carrier for the electromagnetic force, even when static via virtual photons. The effects of this force are easily observable at the microscopic and at the macroscopic level, because the photon has zero rest mass; this allows **long distance interactions**.

"Small variations of the initial condition of a nonlinear dynamical system may produce large variations in the long term behavior of the system."

In **computability theory**, a system of data-manipulation rules (such as a computer's instruction set, a programming language, or a cellular automaton) is said to be Turing complete or computationally universal if it can be used to simulate any **single-taped** Turing machine. The concept is named after English mathematician Alan Turing. A classic example is lambda calculus.

A closely related concept of Turing equivalence – two computers P and Q are called equivalent if P can simulate Q. According to the Church – Turing thesis, which conjectures that the set of all problems that can be solved by any possible real-world computer there is a universal Turing machine that can simulate its computational aspects.^[NB 1] machine and by extension the computational aspects of any possible real-world computer. To show that it can be used to simulate some language is Turing complete if it has conditional branching (e.g., the ability to maintain an arbitrary number of variables) and the ability to loop (if not all) imperative languages are Turing complete if the limitations of finite memory are ignored.



inferior to the reef knot (square knot), which it superficially resembles.

Complexity

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Before I begin to describe this great city and the others already mentioned, a better understanding of the subject to say something of the configuration of the city. It is situated, it being the principal seat of Moctezuma's power. This Province is bounded on all sides by lofty and rugged mountains; its level surface extends for many leagues in circumference, including two lakes, that over a salt lake rises and falls with its tides like the sea. Another lake with the rapidity of a powerful stream.

In computer science, the **worst-case complexity** (usually denoted $T_w(n)$) of an algorithm measures the resources (e.g. running time, memory) an algorithm requires in the worst-case. In the case of running time, the worst-case time-complexity is the maximum time required by the algorithm for any input of size n . Moreover, the order of growth of an algorithm is the efficiency of two algorithms.

by
brigade
and the

This city has many markets for buying and selling. There is a great number of bricks burnt and unburnt, where every variety of goods are sold; catchers, widgeons, turkeys, kestrels; they sell like other birds; claws. There are also sold; barbers' shops, and drink at a certain carrying burdens. Various coals; mats of various bedrooms.

There are all kinds of garden herbs; borage, sorrel, artichokes which are cherries and plum painted; maize or Indian corn of a flavor to that of the other islands.

complexity indicates the longest running time required by an algorithm for any input of size n , and thus this guarantees that the algorithm's worst-case complexity is used to compare the efficiency of two algorithms. $T_w(n)$ in asymptotic notation) measures the resources (e.g. running time, memory) an algorithm requires in the worst-case. It gives an upper bound on the resources required by the algorithm for any input of size n .

in a highly ordered way.

spacings

on the other hand,

The **unknot** arises in the mathematical theory of knots. Intuitively, the unknot is a closed loop of rope without a knot in it. A knot theorist would describe the unknot as an image of any embedding that can be deformed, i.e. ambient-isotoped, to the standard unknot, i.e. the embedding of the circle as a geometrically round circle. The unknot is also called the trivial knot. An unknot is the identity element with respect to the knot sum operation.

They were the most common type of watch from their development in the 16th century until wristwatches became popular after World War I during which a transitional design, trench watches, were used by the military. **Pocket watches** generally have an attached chain to allow them to be secured to a waistcoat, lapel, or belt loop, and to prevent them from being dropped.

That is,
nothing retains its identity
for any time at all.

Not Not
Knotzies

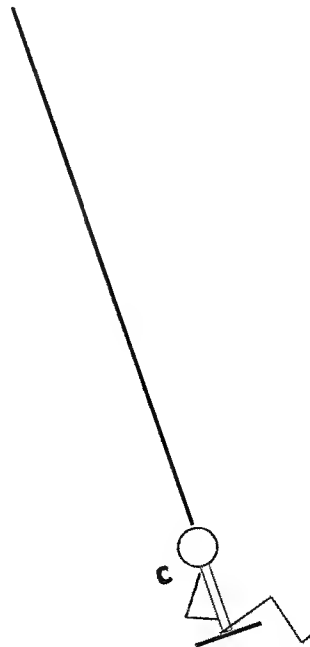
An Internet bot, also known as web robot, WWW robot or simply bot, is a software application that runs automated tasks over the Internet. Typically, bots perform tasks that are both simple and structurally repetitive, at a much higher rate than would be possible for a human alone.

The granny knot is a binding knot, used to secure a rope or line around an object. It is considered.

Strong interactions,

up to several hours

after original excitation.



Phosphorescence luminescence
not immediately

even when static

The largest

catches, analyses and files information

use of bots is in web spidering, in which an
from web servers at many times the speed of

when the tide has ebbed, the water runs from the fresh into the

great city of Temixtitlan [Mexico] is situated in this salt lake,
parts of it, by whichever route one chooses to enter, the dis-
tances or entrances to the city, all of which are formed by
canals of great width. The city is as large as Seville or Cordova; its streets
are very wide and straight; some of these, and all the infer-
ences from the manner in which the city is constructed, sir-
moning the place, they could leave us to judge
of the land, as soon as I had entered it, I found
the canals finished, and were large enough to
use if it should become necessary.

the squares, in which are situated the market
places, the square twice as large as that of the city
market, timber hewn and unhewn, of different
kinds of birds in the country are sold, as for
quail, turtle doves, pigeons, reared
otherwise the skins of ser-
pents, sold rabbits, hares
and deer, where they wash a
great price. There is also
wood and coal are sold
in all kinds for beds, and

green vegetables,
and golden thyme
and similar to the
corn, in the grain
lands and terra-

A **spider** (usually limited to individuals of a small species), or spiderling after hatching,^[3] will climb as high as it can, stand on raised legs with its abdomen pointed upwards ("tiptoeing"),^[4] and then release several silk threads from its spinnerets into the air. These automatically form a triangular shaped parachute^[5] which carries the spider away on updrafts of winds where even the slightest of breezes will disperse the arachnid.^{[4][5]} The Earth's static electric field may also provide lift in windless conditions

are very sensitive to impurities and corrosion. The liquid feeding them must be carefully filtered (not an easy task with very viscous materials) and, in some cases, the spinneret must be made from very expensive, corrosion-resistant metals. Maintenance is also critical, and spinnerets must be removed and cleaned on a regular basis to prevent clogging.

Confinement, which means that the force between quarks does not diminish as they are separated. Because of this, when you do separate a quark from other quarks, the energy in the gluon field is enough to create another quark pair; they are thus forever bound into hadrons such as the proton and the neutron or the pion and kaon.

Although analytically unproven, confinement is widely believed to be true because it explains the consistent

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There are four methods of spinning filaments of manufactured fibers: wet, dry, melt, and gel spinning.

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From Old Norse spinna, from Proto-Germanic *spinnana. Compare Danish spinde, Norwegian spinne, Icelandic spinna, English spin, Dutch and German spinnen.

Verb[edit]

spinna)present spinner , preterite **spann** , supine **spunnit** , imperative **spinn**)

1. to spin; to turn around quickly
2. to spin; to make yarn
3. to purr
4. to create or extend a story from a given, fundamental seed
- 5.

In nuclear physics, **nuclear fusion** is a nuclear reaction in which two or more atomic nuclei come very close and then collide at a very high speed and join to form a new nucleus. During this process, matter is not conserved because some of the matter of the fusing nuclei is converted to photons (energy). Fusion is the process that powers active or "main sequence" stars.

double pendulum

a pendulum with another pendulum attached to its end, and is a simple physical system that exhibits rich dynamic behavior with a strong sensitivity to initial conditions